

Abstract of the Disclosure:

A circular polarized wave reception antenna has a monopole antenna having a pole portion and an ground plate for grounding one terminal of the pole portion and a polarization converting arrangement disposed around the monopole antenna. The polarization converting arrangement has a plurality of helical leads extending in a helical fashion along the pole portion with apart from the pole portion by a predetermined distance. Each of the helical leads has an end grounded in said ground plate. The helical leads are disposed at equal angular spaces around the pole portion. When a resonance wavelength  $\lambda$  is equal to 128.3mm, the predetermined space is equal to 20mm. Each helical lead has a length of  $\lambda/4$ . A pitch angle included between the ground plate and each helical lead is equal to 40 degrees.